

Many factors influence the learning of mathematics. The three main influences we will focus on is learning styles, classroom atmospheres, and real life applications.

The learning styles used in the classroom plays a major role on the success of math lessons. Different students are more apt to a certain delivery method. As a teacher it would be beneficial to use a variety of different methods such as the use of visual aids as well as auditory methods, as well as using group work, incorporating movement or music into lessons. In addition, minimizing the use of traditional evaluation methods, and giving students options in their evaluations methods. – choosing what type of test or assignment works best for them.

The classroom atmosphere is crucial in the success of learning any topic. Students need to feel like they can ask questions without fear of being persecuted or belittled. The development of a strong classroom community can be accomplished through the use of TRIBES techniques and strategies. Using energizers can help build inclusion among classmates as well as have them become more interested in being in the class. Giving students more time to learn the concepts will also improve the classroom atmosphere – making it one of understanding and less stressful.

Another large influence in learning is the applications of the knowledge taught. Giving real life applications that are relevant can draw in the student – realizing that what is being taught in this class is actually useful! Student could be asked to draw connections between math topic and a situation they could encounter. Having field trips that show the use of math in society, the workplace, and the world.